



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, September 15, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- **Heavy rain/flash flooding possible across S, SW and S-Central TX today.**

Sunday

- **Heavy rain/isolated flash flooding will remain possible from the Lower Trans Pecos through the Winter Garden area of TX.**

Monday - Wednesday

- **No significant weather expected.**

Tropical Outlook

- **Tropical Storm Florence is slowly weakening just inland over eastern South Carolina but causing catastrophic flooding over North and South Carolina.**
- **A NOAA Hurricane Hunter airplane indicates that Isaac has dissipated. There will not be any further advisories on this system.**
 - **This wave will continue to move westward across the Caribbean Sea over the next few days.**
 - **None of the dynamical models currently show any significant redevelopment of Isaac.**
- **Tropical Storms Joyce and Helene will have no impacts to FEMA Region 6.**

FEMA Region 6 Threat Matrix

Sept 15, 2018 – Sept 19, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain / Flash Flooding	S-Central and SW TX	SW TX			
Fire Weather					
Tropical Weather					
River Flooding	STX	STX	STX		

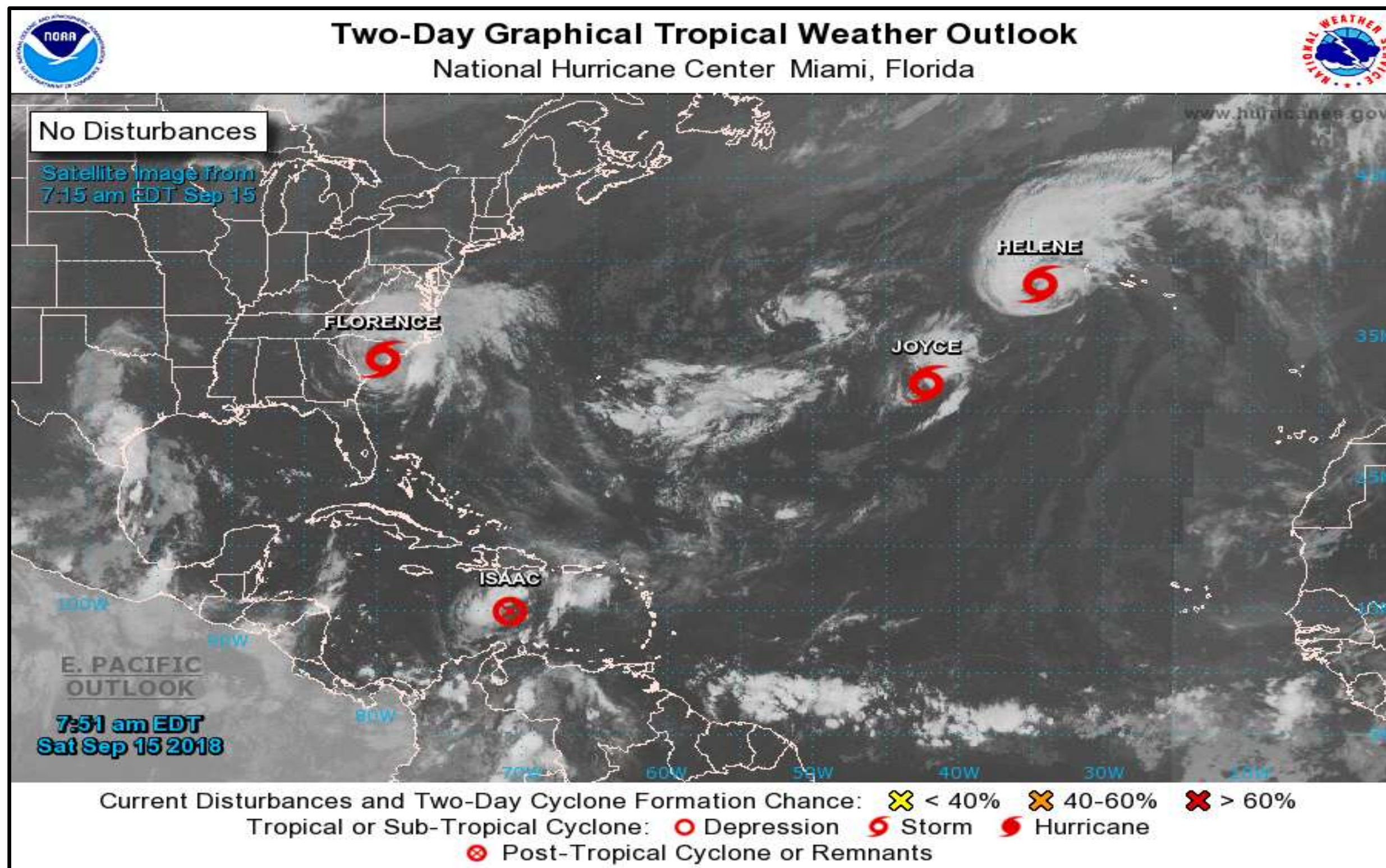
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



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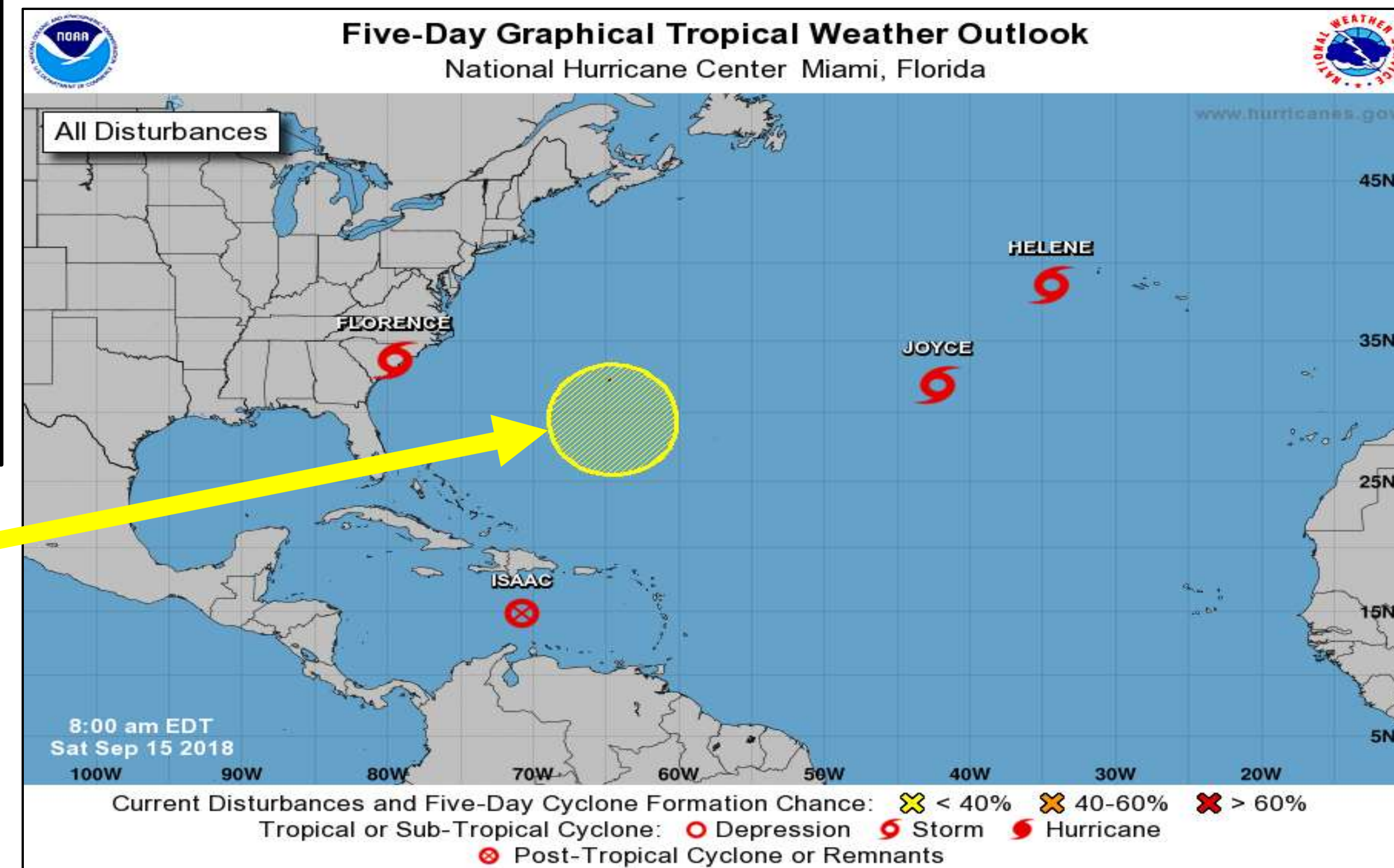


See next slides for more information on Florence, Isaac, Joyce and Helene.

A broad area of low pressure could form near Bermuda early next week. Additional development, if any, is expected to be slow while the system moves little.

Formation chance through 48 hours...low...near 0%.

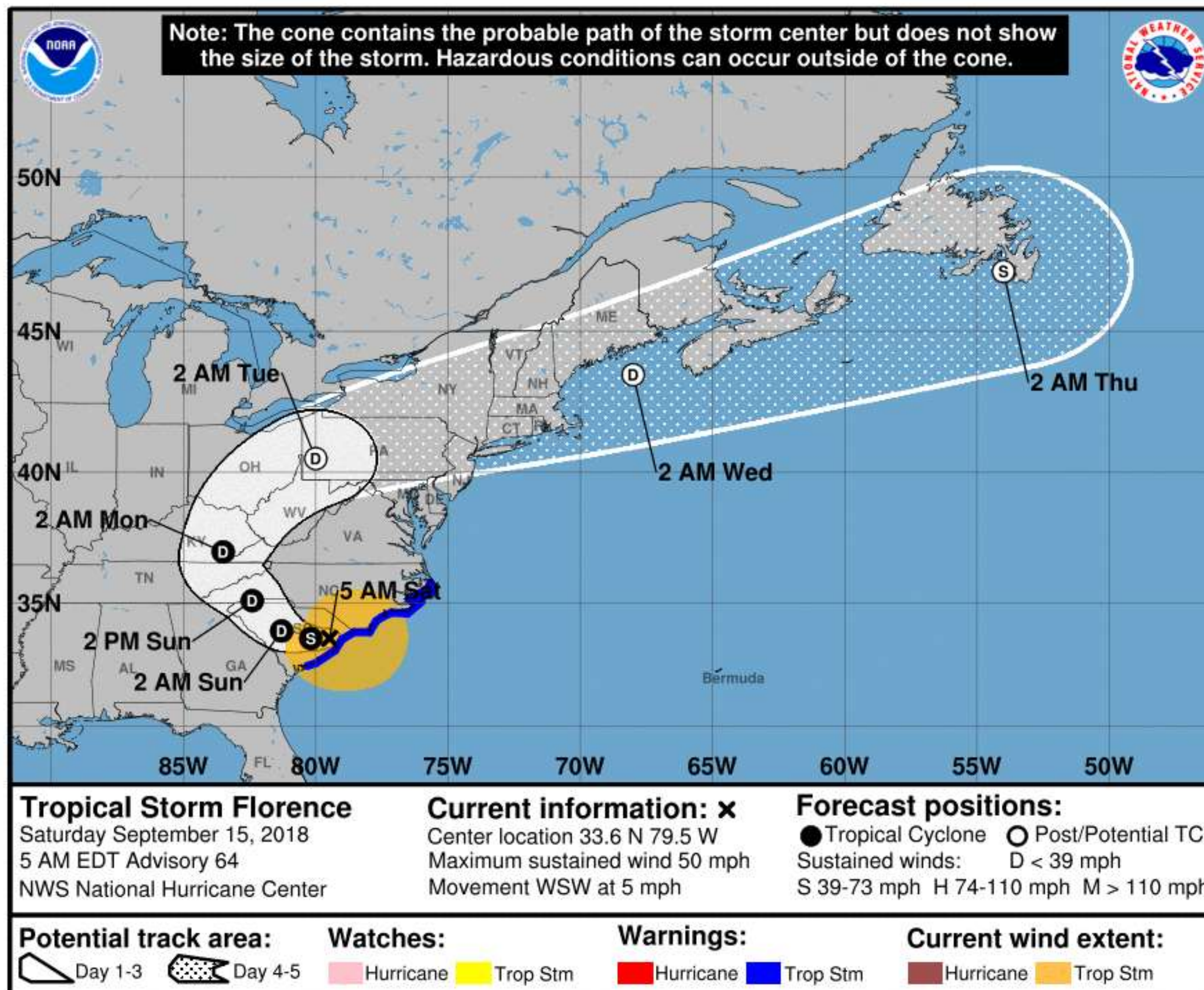
Formation chance through 5 days...low...10%



Tropical Storm Florence



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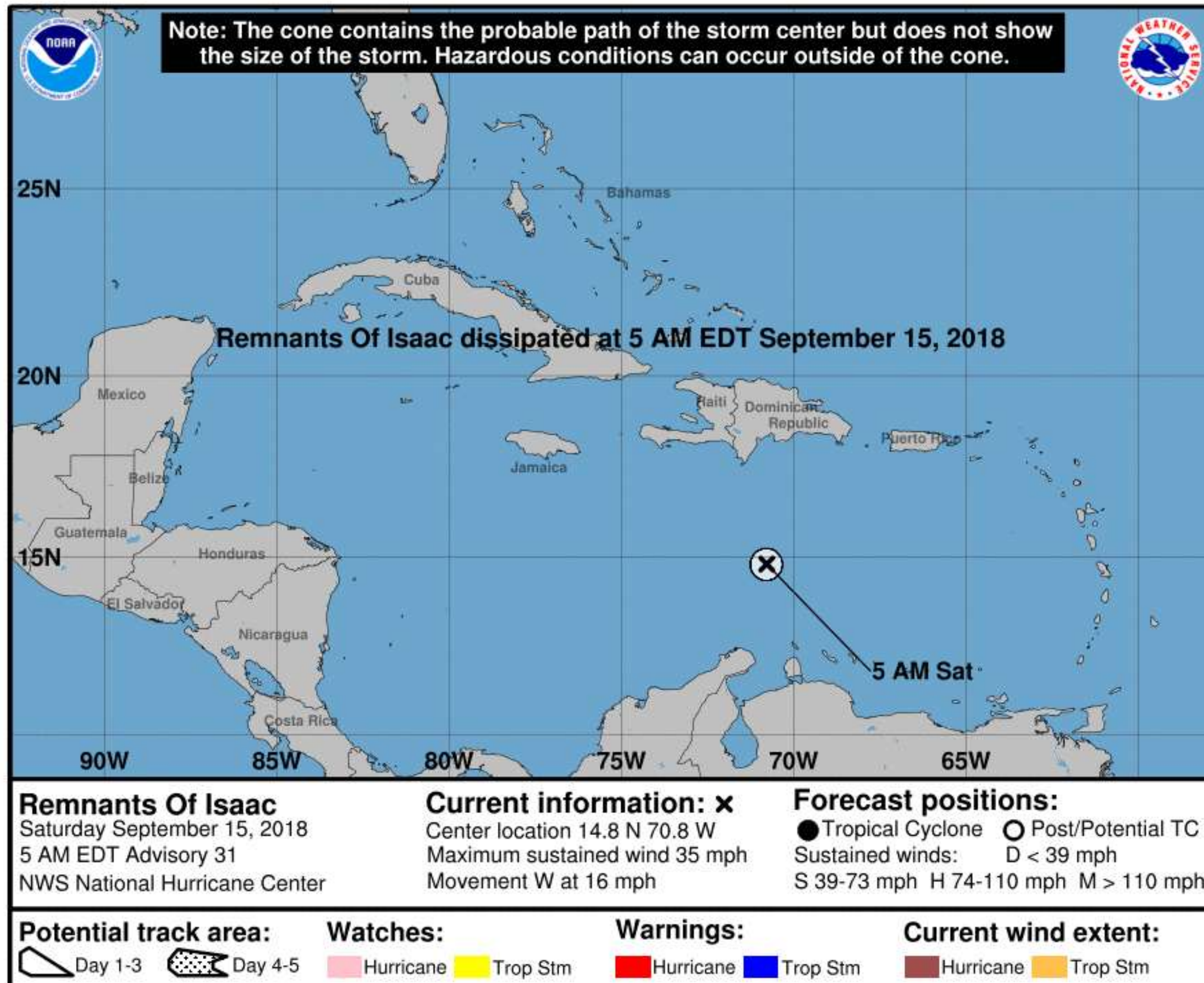
Florence is slowly weakening just inland over eastern South Carolina but causing catastrophic flooding over North and South Carolina.

No Impacts to FEMA Region 6.

Remnants of Isaac



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A NOAA Hurricane Hunter airplane indicates that Isaac has dissipated. There will not be any further advisories on this system.

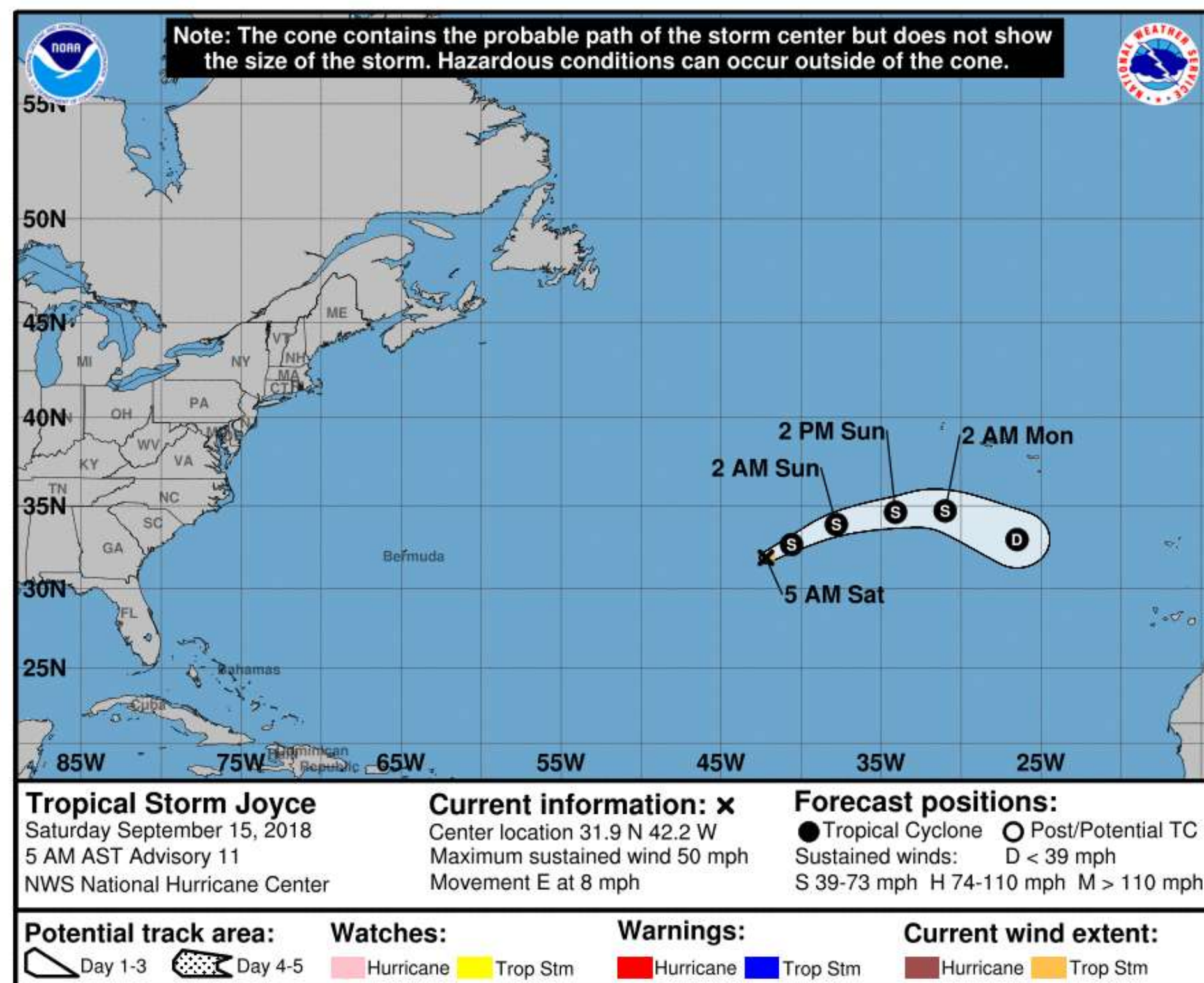
This wave will continue to move westward across the Caribbean Sea over the next few days.

None of the dynamical models currently show any significant redevelopment of Isaac.

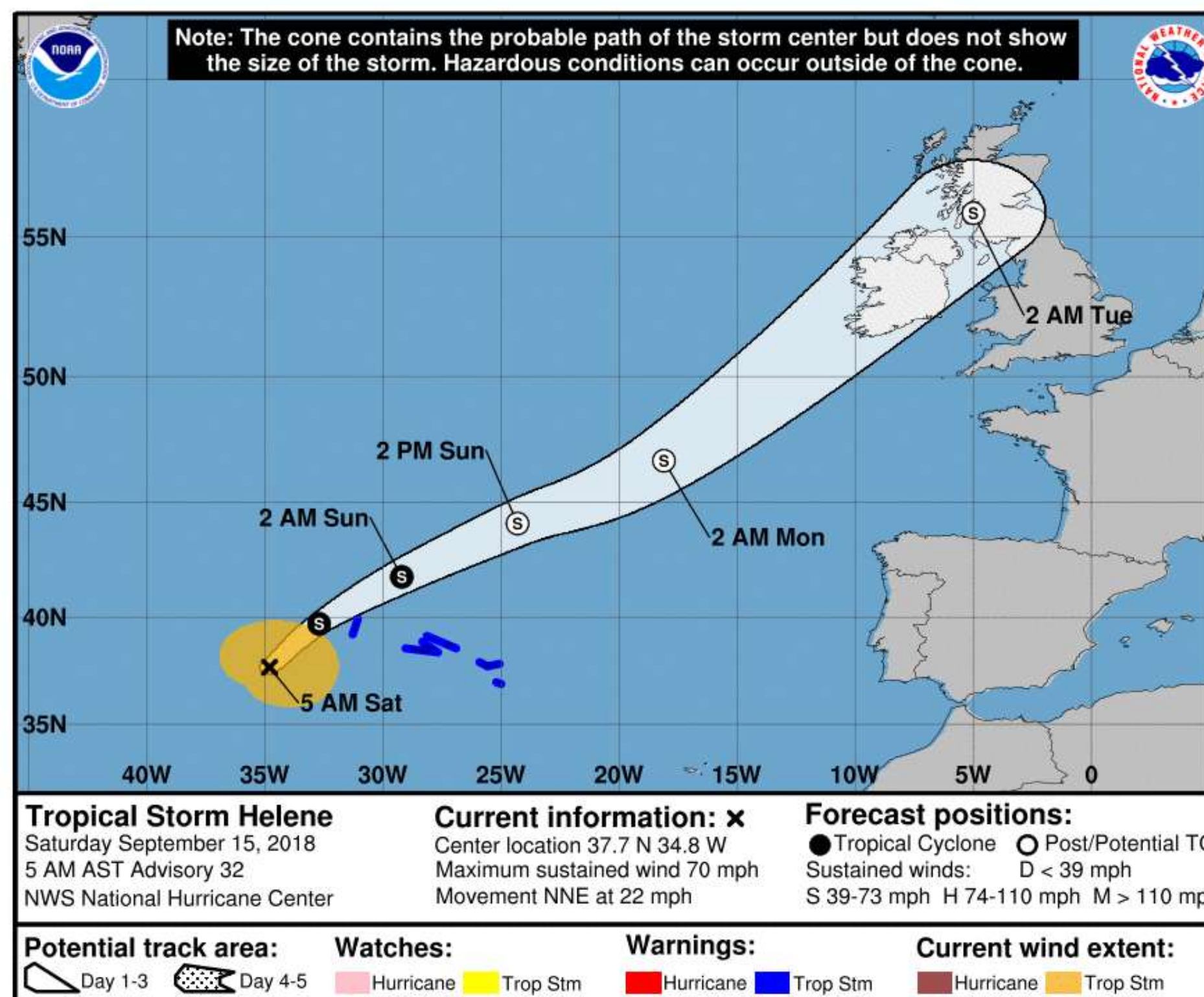
Tropical Storms Joyce and Helene



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Neither of these tropical storms pose a threat to the U.S.

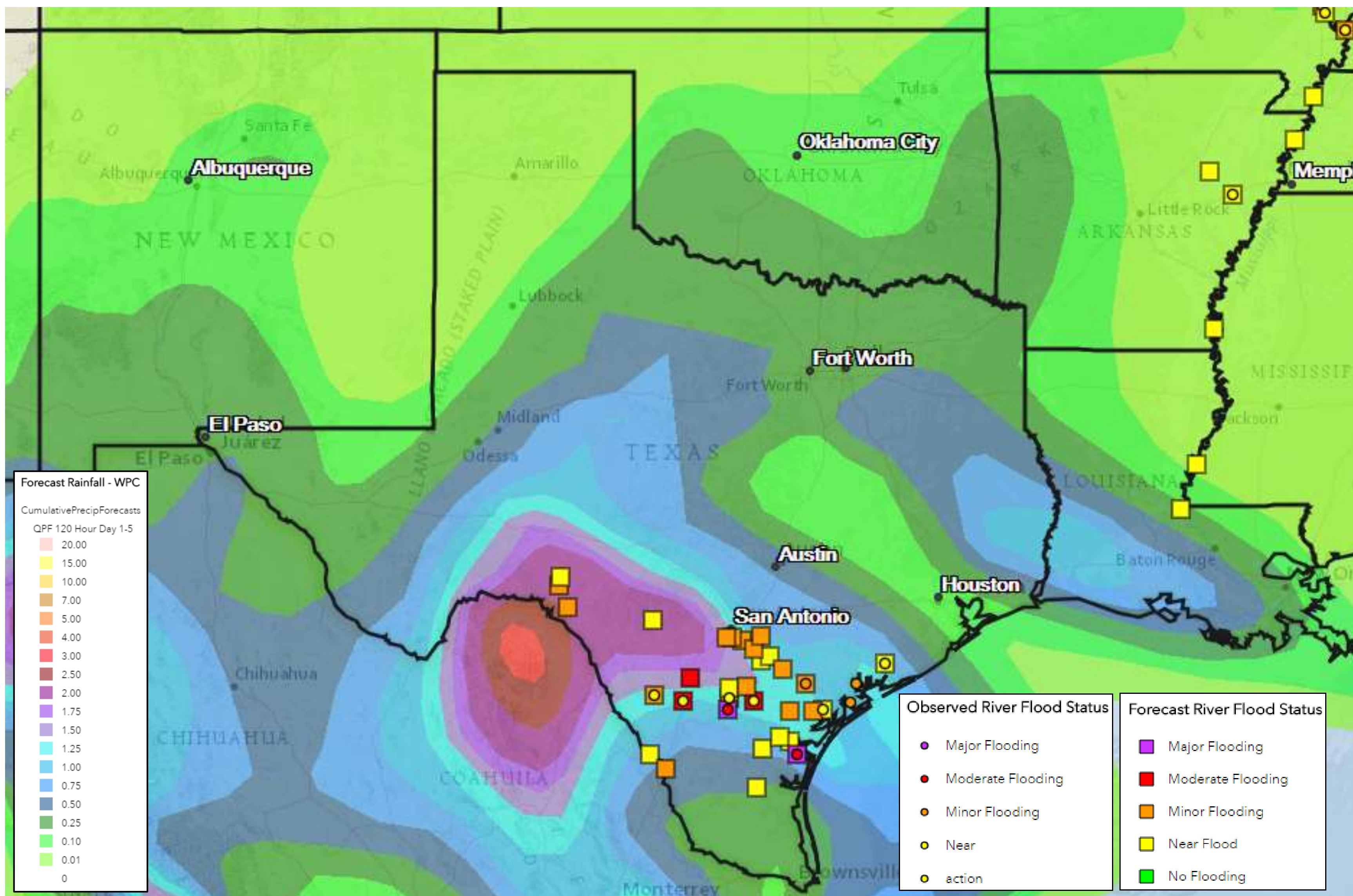


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water is moving downstream in the Nueces, Frio and San Antonio Rivers from previous rainfall, and rainfall overnight or expected today will add to the flooding (or extend the flooding) on these rivers.

The Nueces River near Tilden is expected to rise into Major flood stage on Sunday, with mostly agricultural impacts expected.

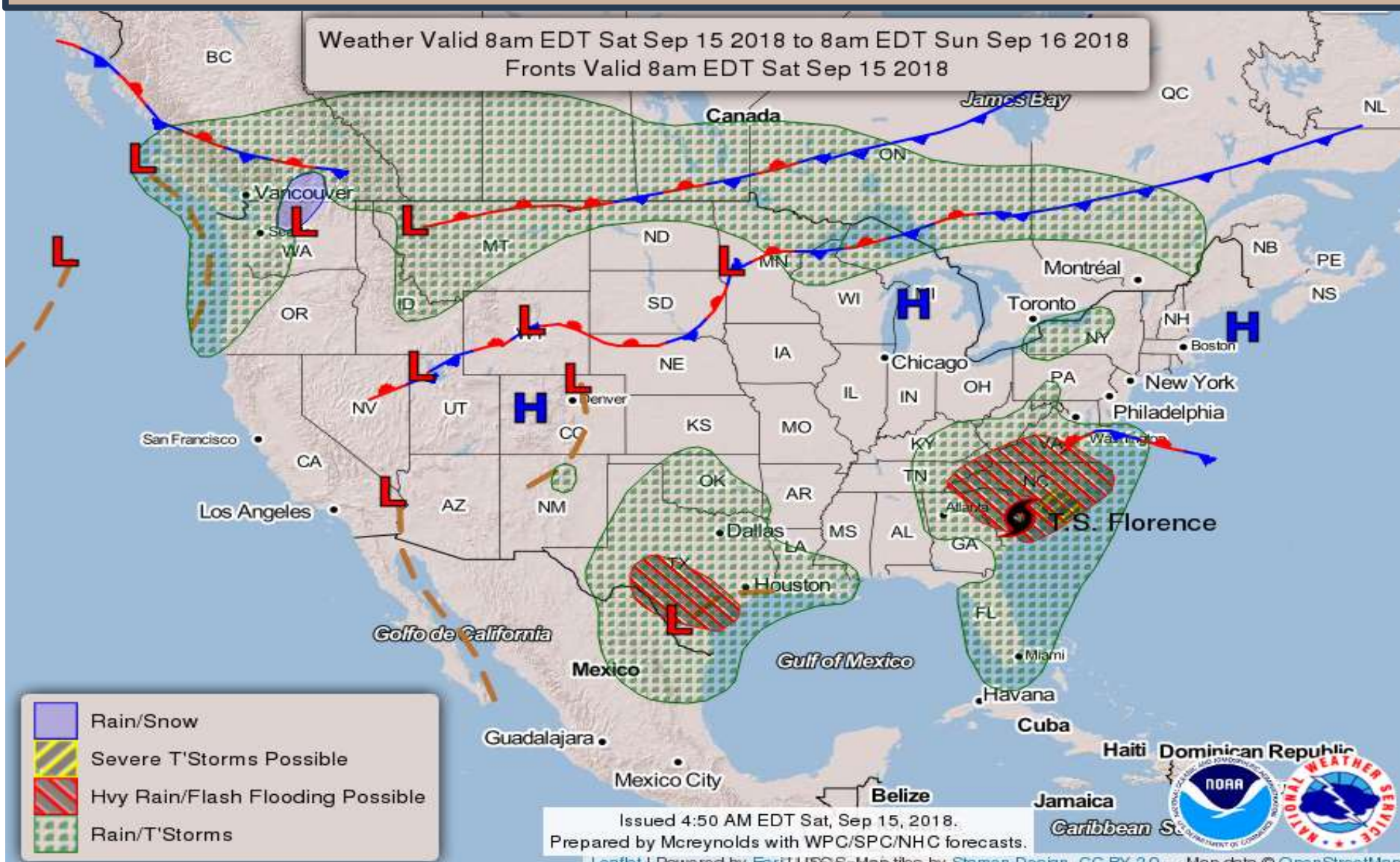
Oso Creek near Corpus Christi is expected to rise into Major flood stage today. There will be water over several roads in the area, and major lowland flooding.

Today's Weather



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Forecast Chart

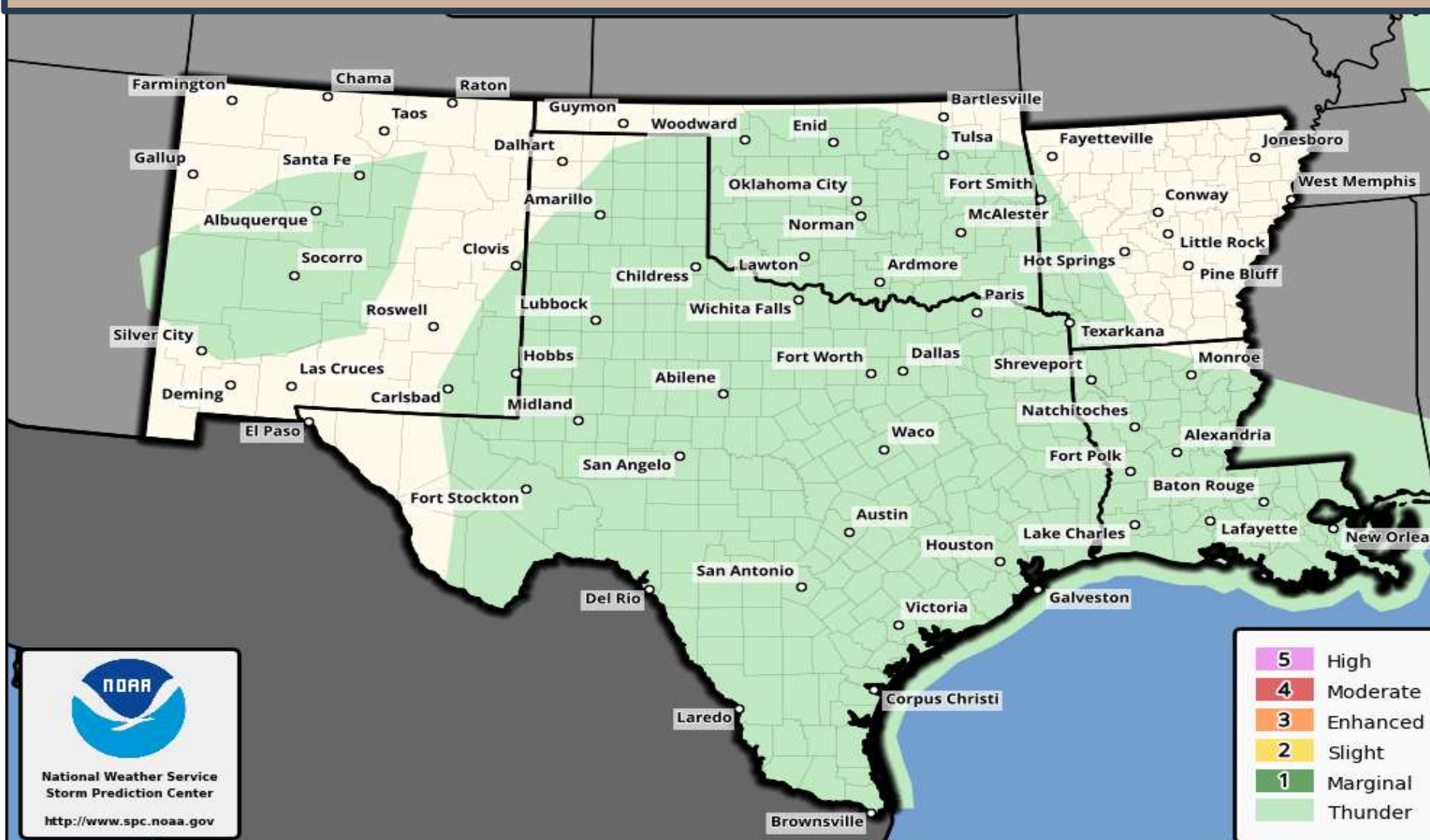


Forecast Rainfall

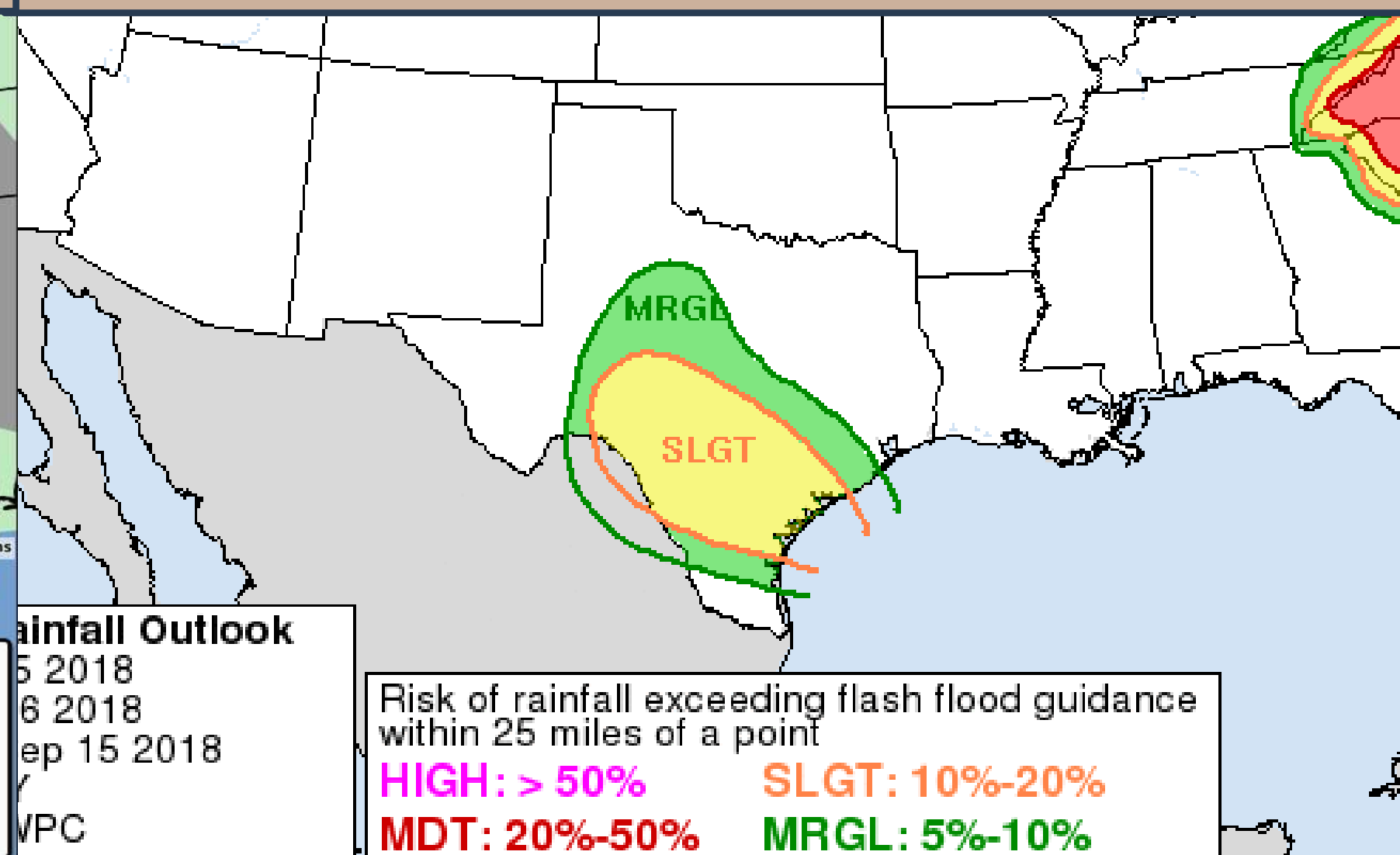


Heavy rain/flash flooding possible across S, SW and S-Central TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

**Flash flood watches continue
across S, S-Central and SW
TX today.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

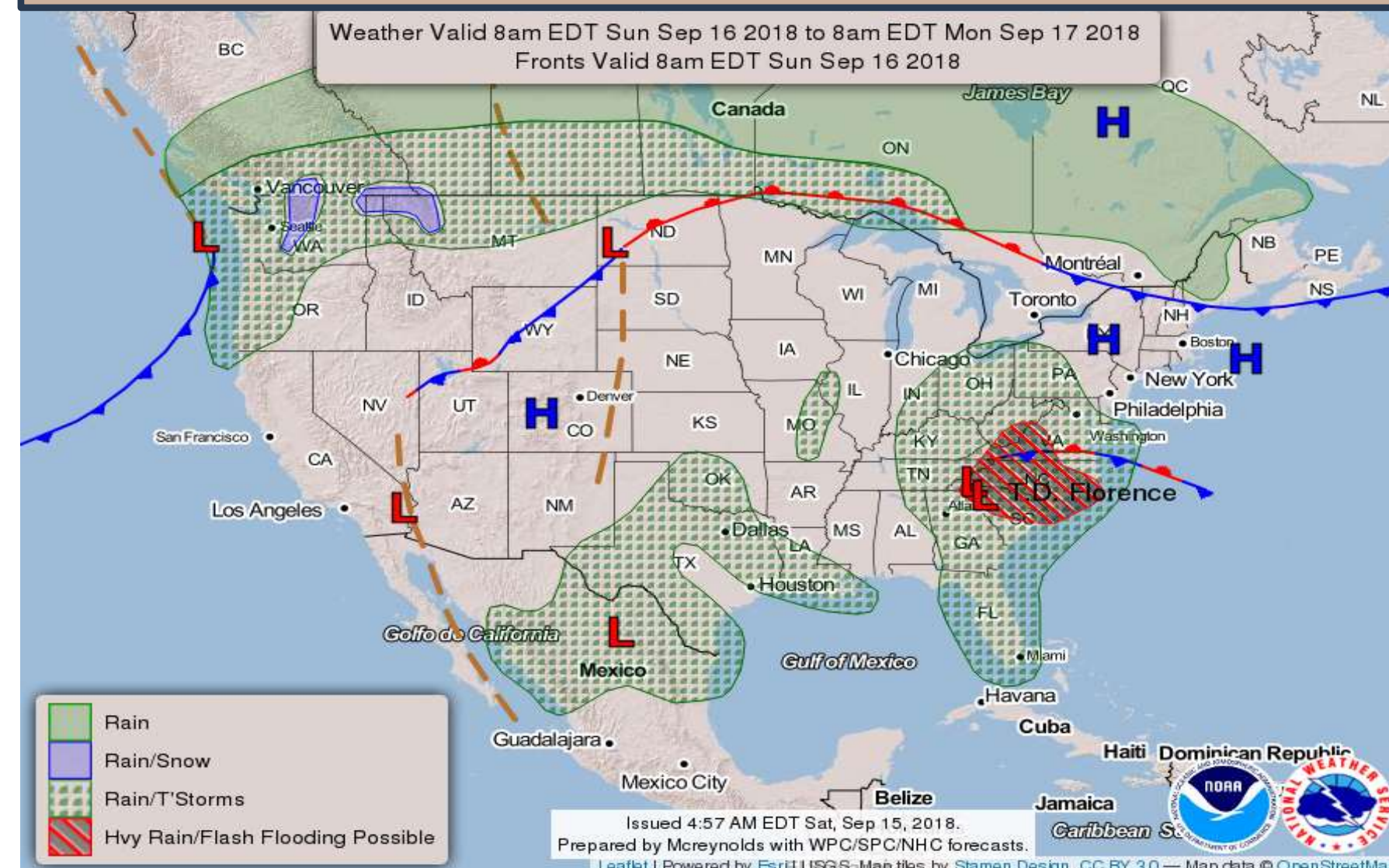


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Forecast Chart

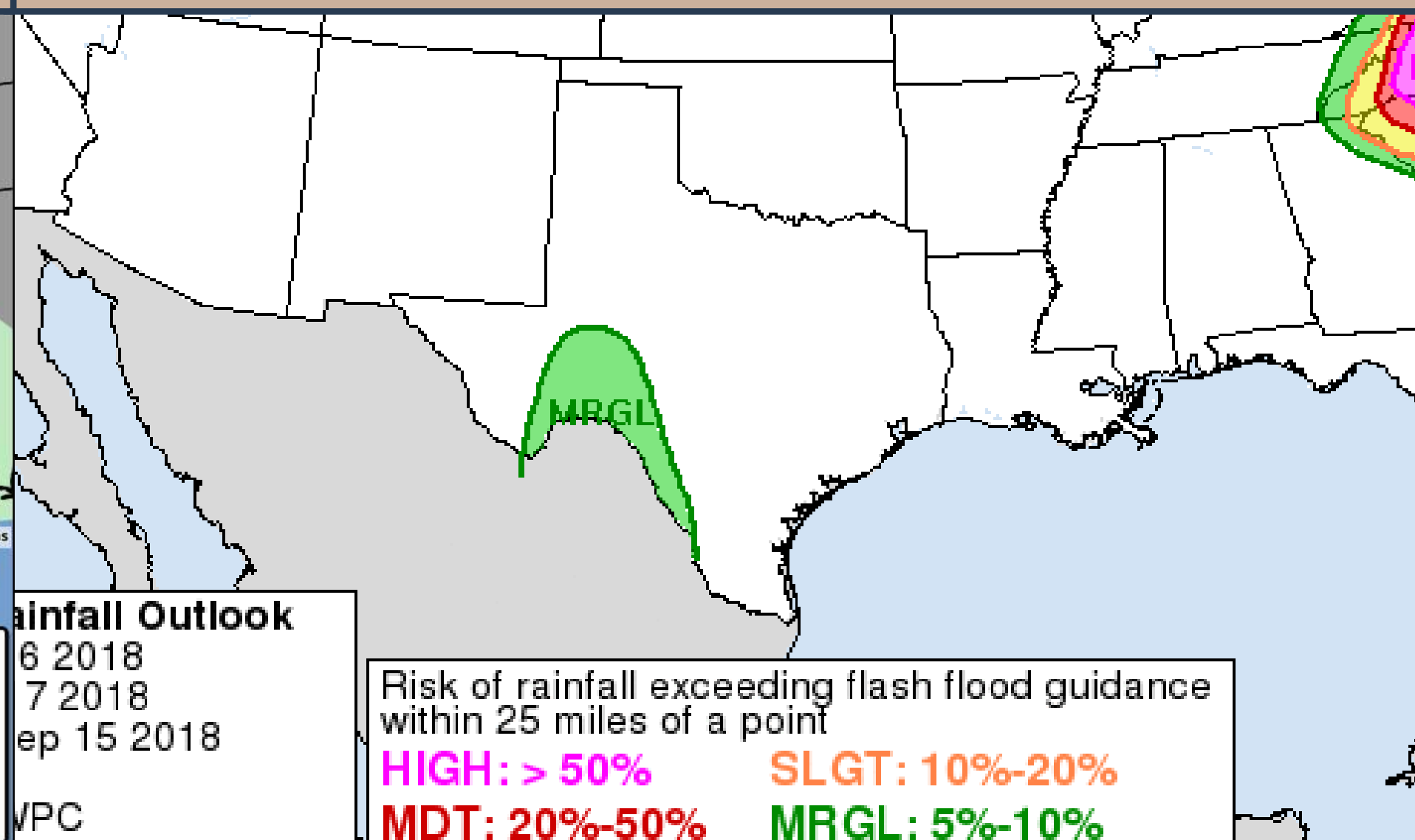
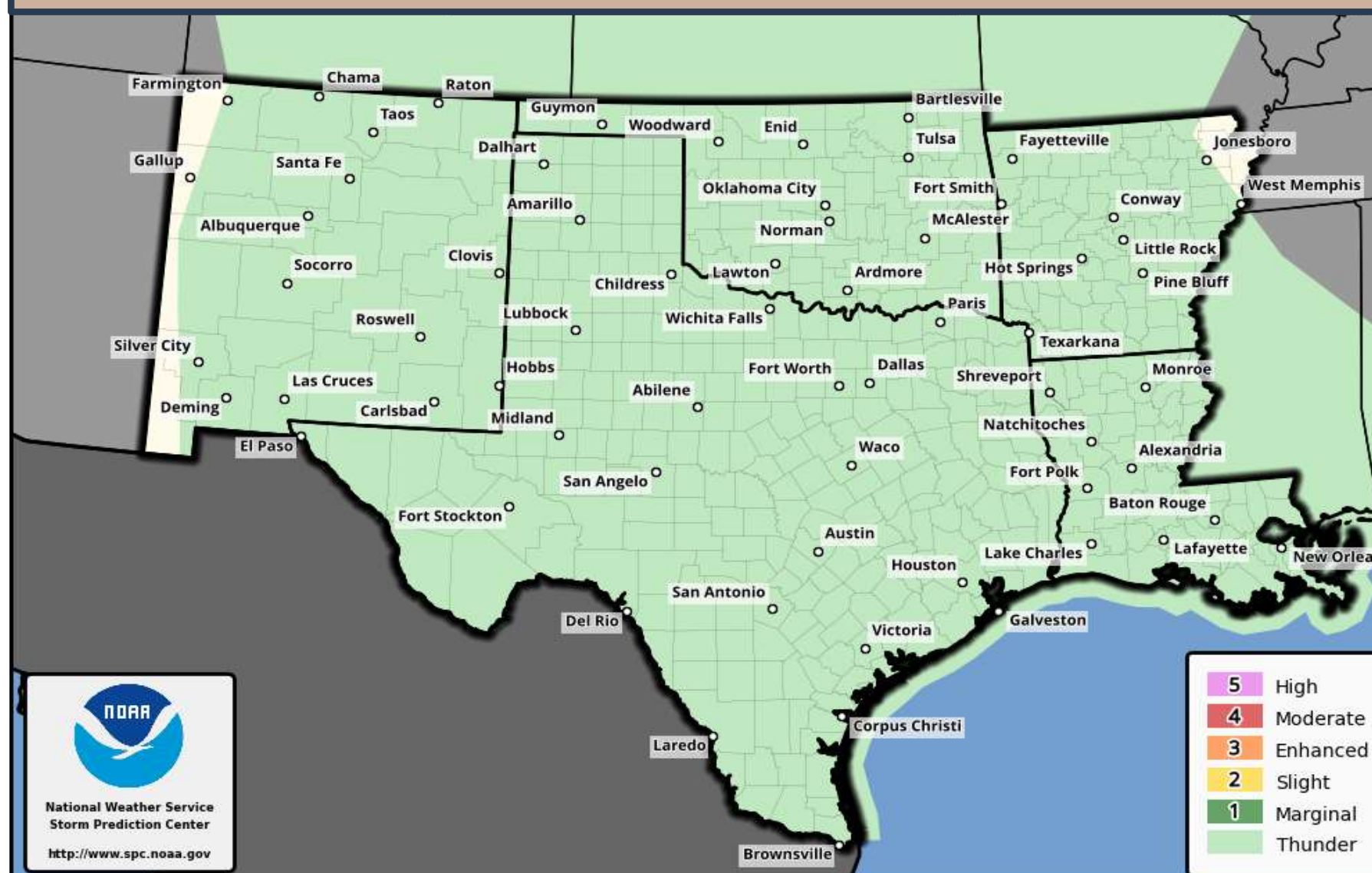
Forecast Rainfall

Some isolated heavy rainfall/flash flooding is possible from the Lower Trans Pecos through the Winter Garden areas of TX.



Severe Weather Outlook

Excessive Rainfall Outlook



Monday's Weather

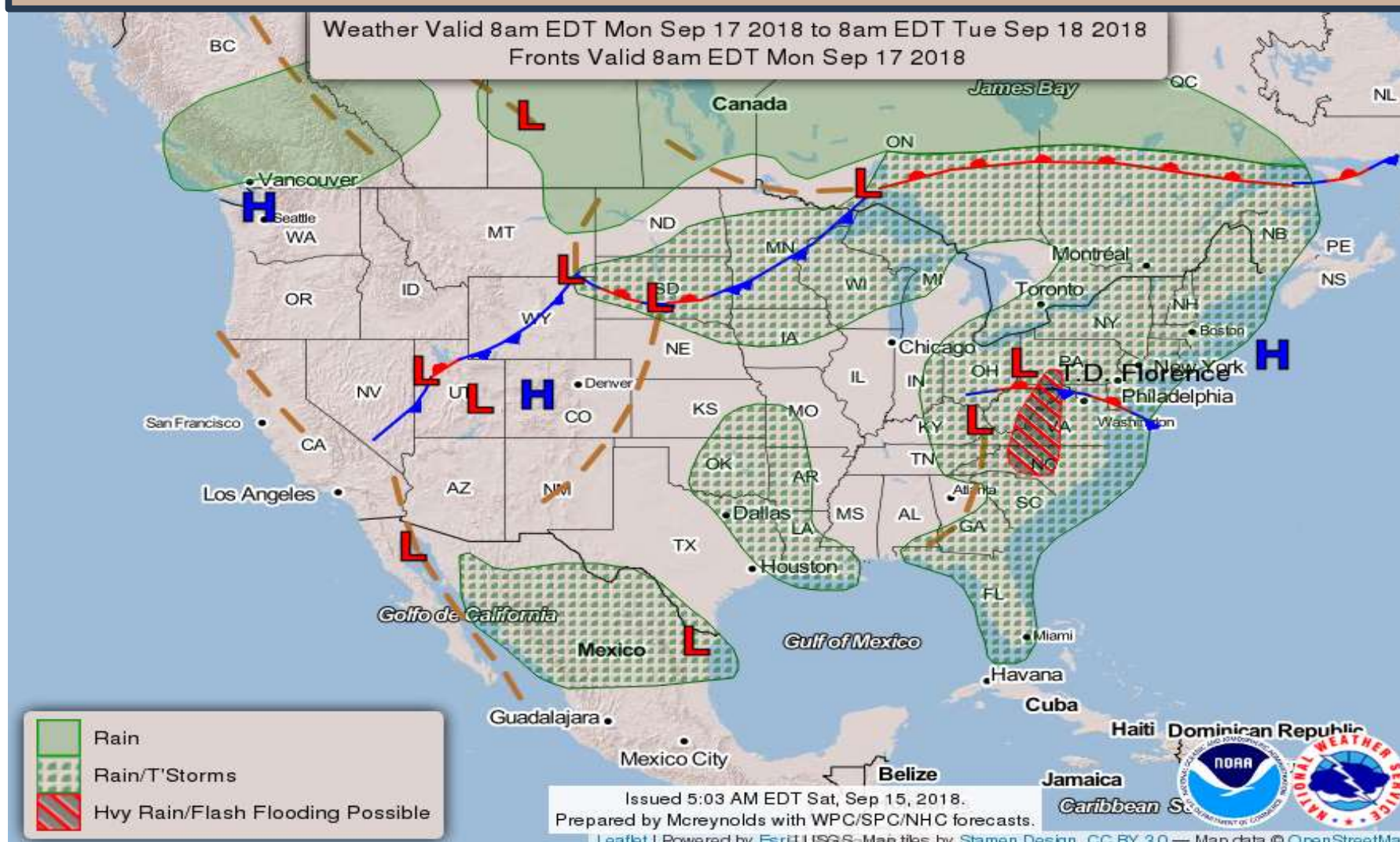


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Forecast Chart

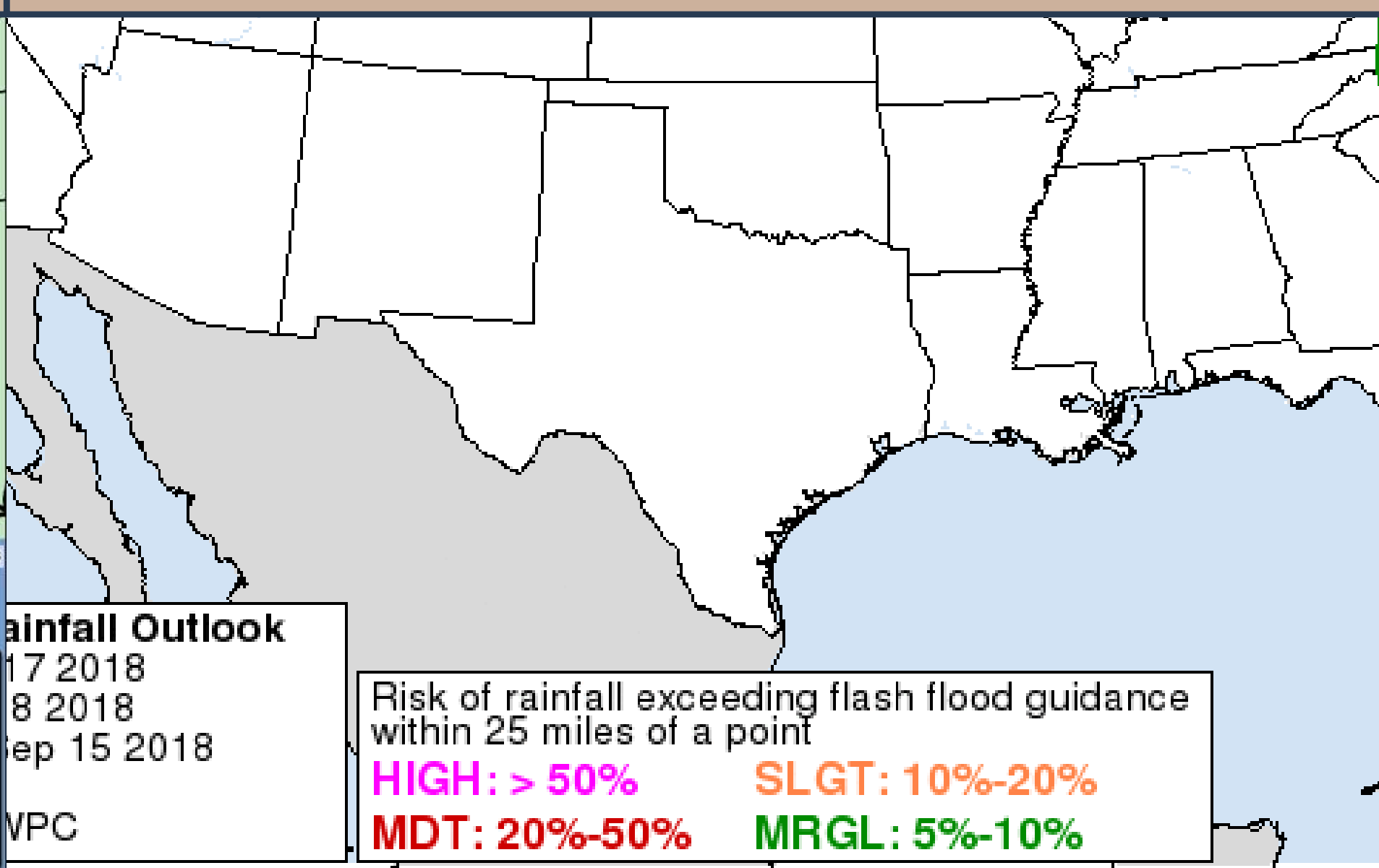
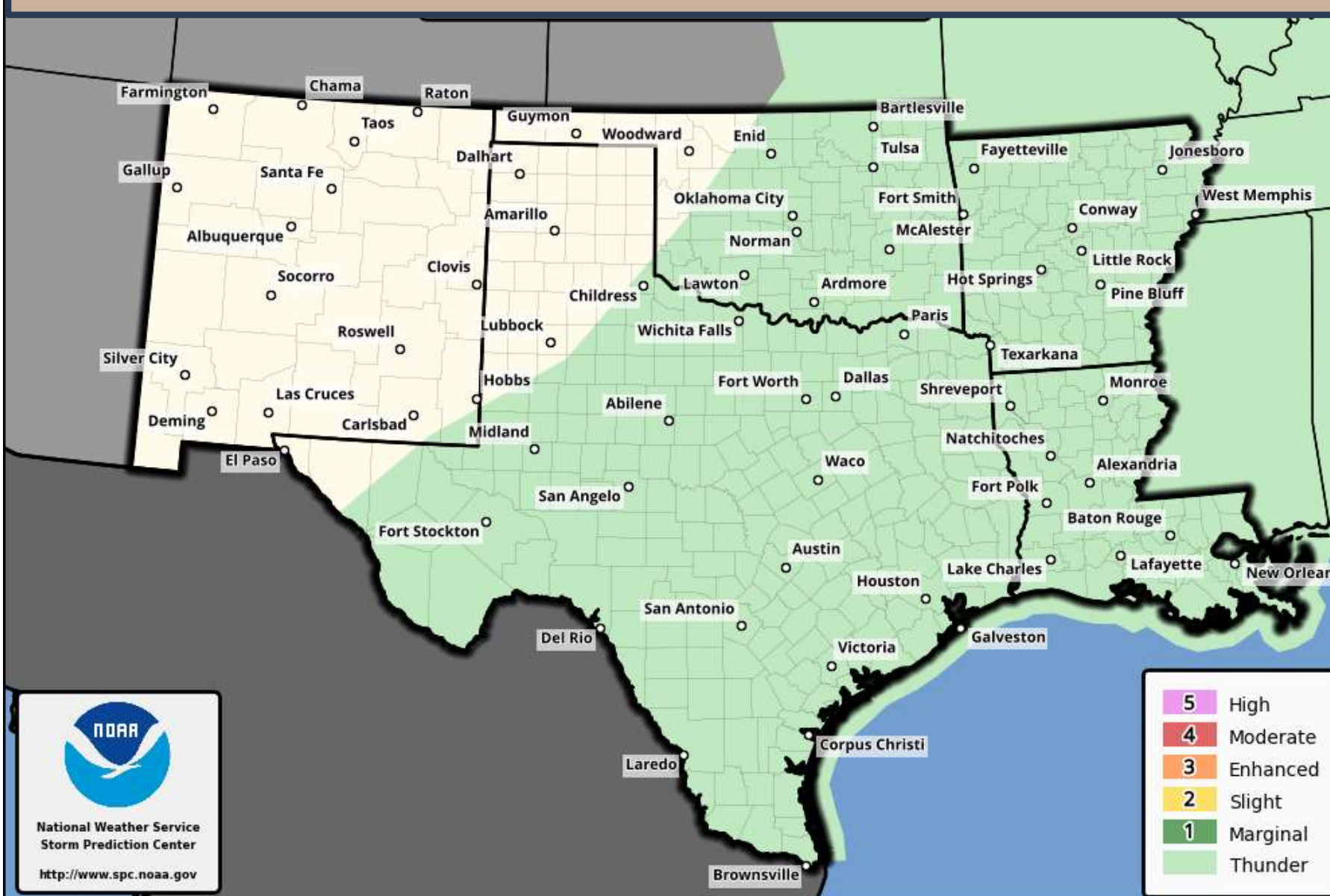
Forecast Rainfall

No significant weather impacts.



Severe Weather Outlook

Excessive Rainfall Outlook

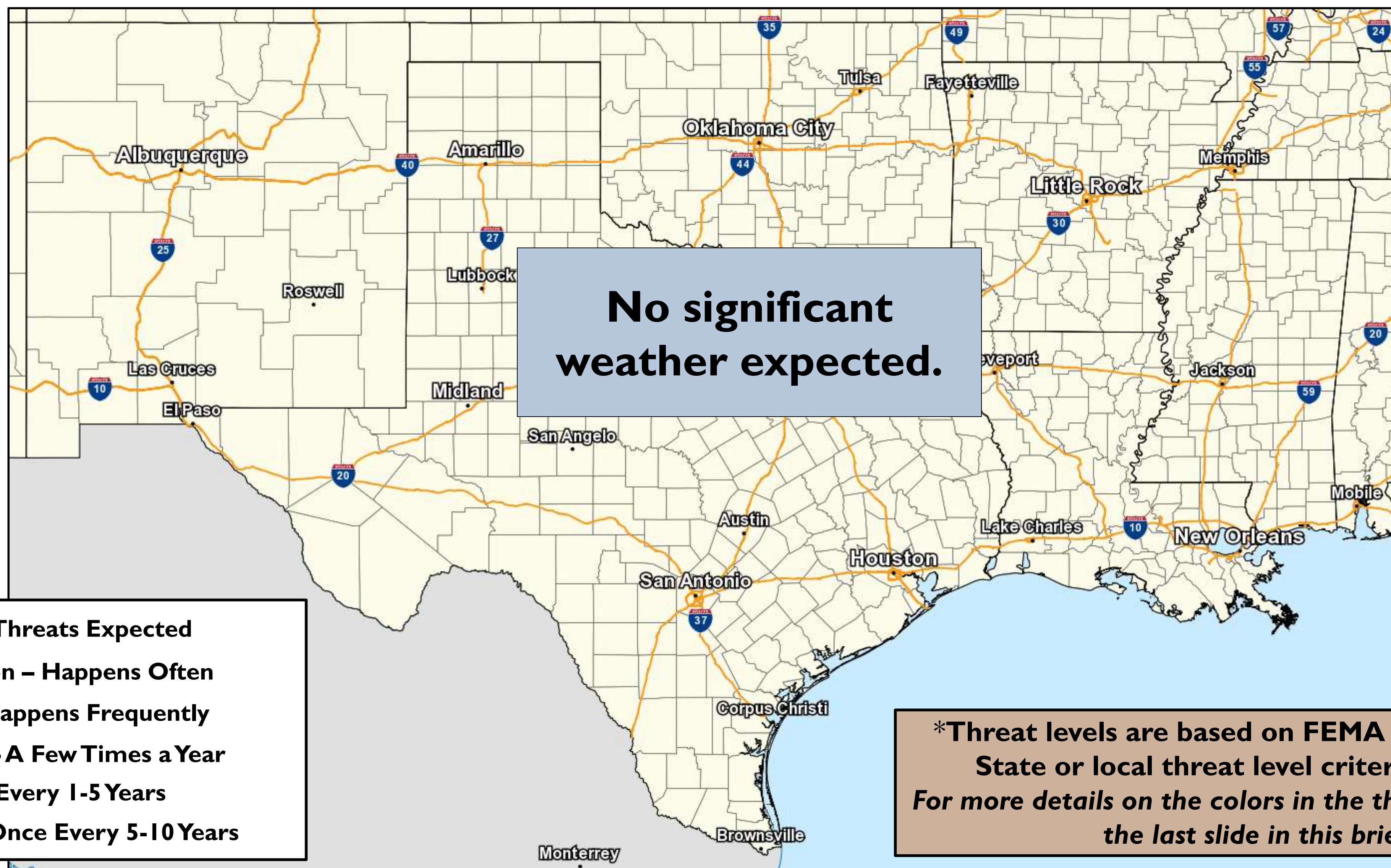


Days 4-5 Weather Hazards

Tuesday - Wednesday



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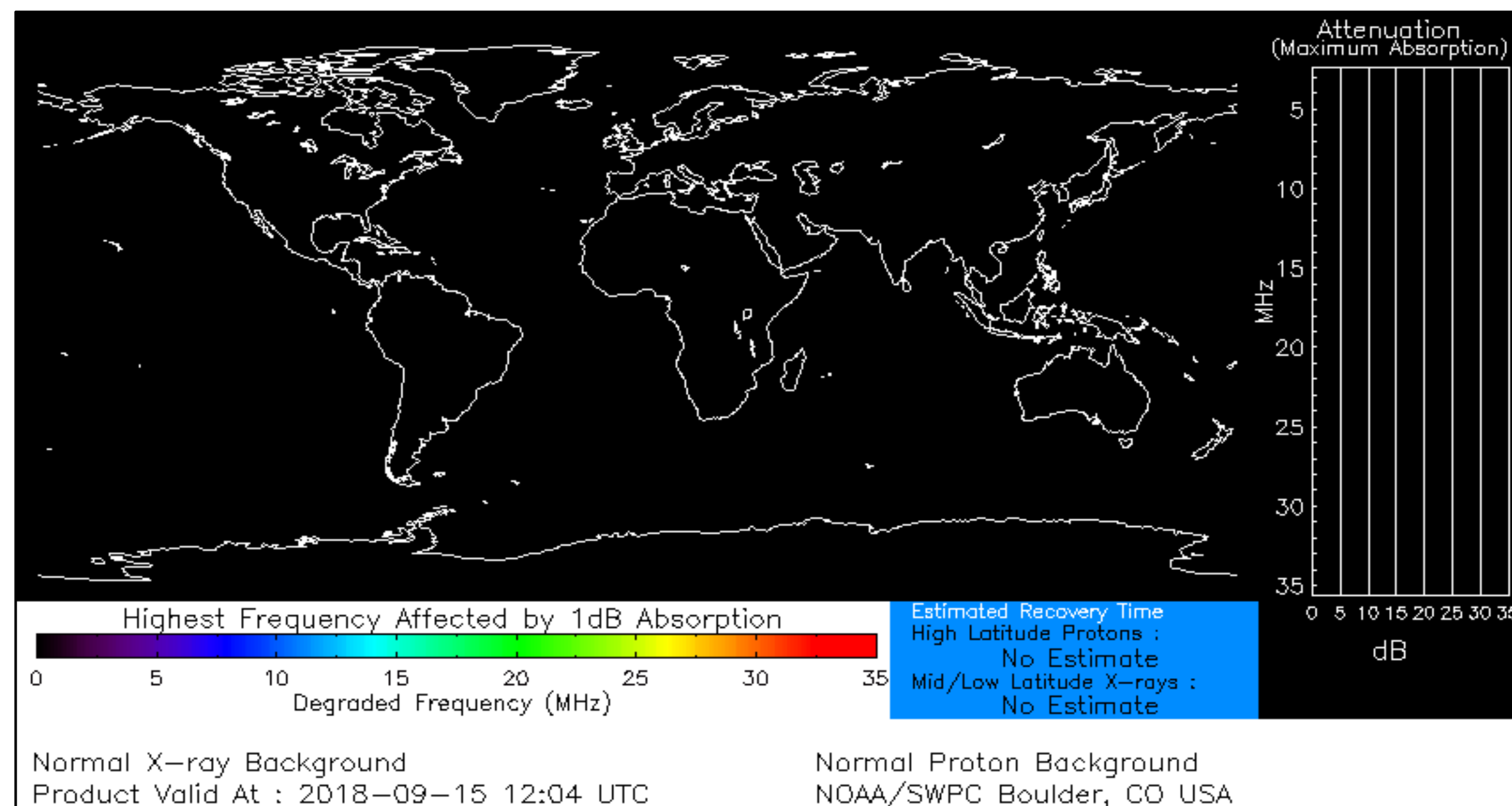


Space Weather 3-Day Forecast



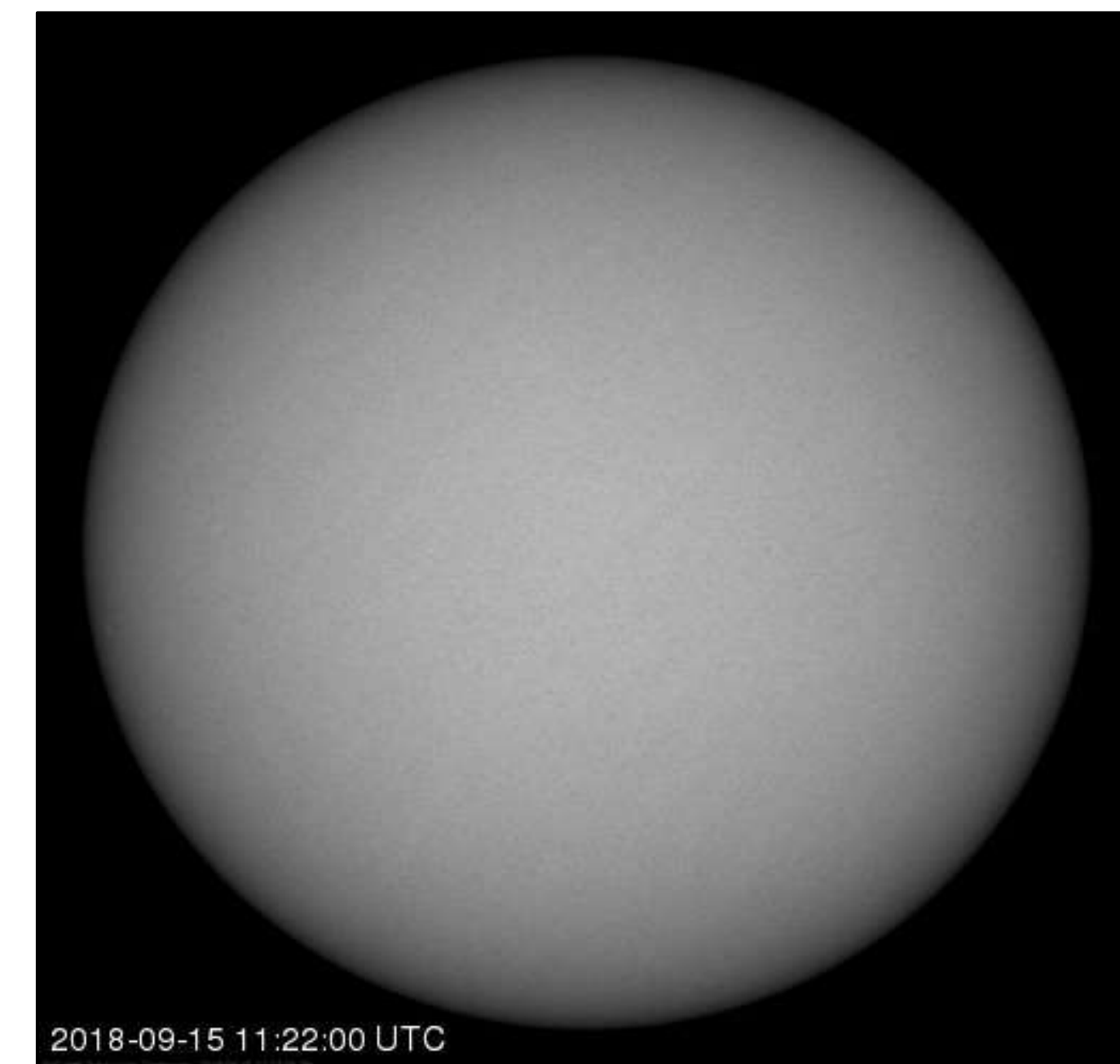
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov